

Obstetrics

Benha University

Faculty of Veterinary Medicine

Course specifications

Programme (s) on which the course is given: **Bachelor of Veterinary Medical Sciences**

Department offering the course : Theriogenology

Academic year/level : Fifth (First Term)

Date of specification approval: Ministerial decree No. 921 on 15/ 9/ 1987 (approved in this template by the Department Council on 13 / 10 /2008)

A- Basic Information

Title: Obstetrics **Code :** Vet00653a

Tutorial: -

Practical: 3 h/wk **Total :** 5 h/wk

B- Professional Information

1- Overall aims of course :

- 1.1. To have good manipulation with an obstetrical case.
- 1.2. To control the parapatral pathological affections
- 1.3. To well manage a female before, during and after delivery

2 Intended learning outcomes of course (ILOS) :

a- Knowledge and understanding:

After successful completion of the courts the students should be able to:

- a.1. Conduct clinical examination and handling of an obstetrical case.
- a.2. Follow the pathway of pregnant, parturition and peurperium
- a.3. Plan policy of the future breeding, replacing or culling

b- Intellectual skills:

After successful completion of the courts the students should be able to:

- b.1. Acquire good obstetrical approach
- b.2. Analyze an obstetrics problems
- b.3. Compare between different methods of breeding policy

c- Professional and practical skills:

After successful completion of the courts the students should be able to:

- c.1. Carry out and handle a female in an obstetrical condition
- c.2. Evaluate and save the dam and offspring from danger
- c.3. Maintain the female reproductive potential

d- General and transferable skills:

After successful completion of the courts the students should be able to:

- d.1. Know how to do a review article on a subject
- d.2. Know how to read text and reference books related
- d.3. Know how to transfer skills via the network connection

3- Contents :

Topic	No. of hours	Lecture	Tutorial/ practical
Physiology of pregnancy	6	-	6
Pathology of pregnancy	6	-	6
Normal parturition	2	-	2
Dystocia	3	-	3
Normal puerperium	2	-	2
Abnormal puerperium	2	-	2
Scheme of obstetrical exam	9	6	3
Tools & equipments	8	5	3
Exam of normal parturient case	18	9	9
Exam of dystocian case	6	3	3
Maneuvers in case of dystocia	13	7	6
Total	75	30	45

4- content-ILOs matrix

Content	ILOs			
	Knowledge and understanding	Intellectual	Professional and practical	General and transferable
Physiology		b1, b2,b3	c1, c2 , c3	d1, d2,

of pregnancy	a1, a2			
Pathology of pregnancy	a1, a3	b1, b2,b3	c1, c2 , c3	d1, d2,
Normal parturition	a1, a3	b1, ,b3,	c1, c2 , c3	d1
Dystocia	a1, a2, a3	b1, b3	c1, c2 , c3	
Normal puerperium	a1, a3	b1, b2	c1, c2 , c3	
Abnormal puerperium	a1, a2	b1,b3	c1, c2 , c3	d1, d2
Scheme of obstetrical exam	a1, a2	b1, b2,b3	c1, c2 , c3	d1, d2,
Tools & equipments	a1, a3	b1, b2,b3	c1, c2 , c3	d1, d2,
Exam of normal parturient case	a1, a2, a3	b1, b2,b3, b4	c1, c2 , c3	d1, d3
Exam of dystocian case	a1, a2, a3	b1, b2,b3	c1, c2 , c3	
Maneuvers in case of dystocia	a1, a3	b1, b2,b3	c1, c2 , c3	

5- Assessment-ILOS matrix

Assessment	ILOs			
	Knowledge and understanding	Intellectual	Professional and practical	General and transferable
Mid - Term	a1, a2	b1, b2	c2 , c3	

Practical	a3	b1, b2,b3	c1, c2 , c3	
Oral	a1, a3	b1, b2,b3	c1, c2 , c3	
Final written exam	a2, a3	b1, b2,b3	c1, c2 , c3	
Assignments (Part of mid term grads)				d1, d2, d3

6- Teaching and learning methods :

- . Data show
- .Over- head projector
- . Slide projector
- . Video tapes
- . Clinical cases
- . Slaughter house material

7- Student assessment methods :

- . Quiz to assess the practical attitude on handling a problem
- . Mid-term exam to assess knowledge and understanding
- .Practical exam to assess practical skills
- .Case report to assess the clinical approach of a problem
- . Oral exam to assess professional and practical skill
- .Final exam to assess level of understanding the course

Assessment schedule :

Assessment 1: Mid term exam	Week 7
Assessment 2 Final-term exam	Week 15
Assessment 3: Oral exam	Week 12
Assessment 4: Practical exam	Week 11
Assessment 5: Term work (quiz and case report)	Weeks 5-10

Weighting of assessments :

Mid term Examination	10 %
Final- term examination	50 %

Oral examination	15 %
Practical examination	15 %
Term work (quiz and case report)	10 %
Total	100

Any formative only assessments

8- List of references :

8.1. Course notes:

- Veterinary obstetrics edited by the staff members

8.2. Essential books (text books)

- Applied animal reproduction, H.J. Bearden
- Fertility and infertility in domestic animals, J.A. Laing..
- Anatomy and physiology of farm animals, R.D. Frandson

8.3. Recommended books

- Veterinary reproduction & obstetrics, G.H. Arthur, et al.
- Veterinary obstetrics & genital diseases, G.R. Riberts.
- Current therapy in theriogenology, D.A. Morrow.
- Current therapy in large animal theriogenology, R.S. Youngquist

8.4. Periodicals, Web sites,..... etc

- J. Animal reproduction & Fertility
- J. fertility & Sterility
- J. Theriogenology
- Google. Com.
- Arabvet. Com
- Esarf. Tripod. Com/index. Htm.

9- Facilities required for teaching and learning

- Aids for obstetrical interference
- Farm for clinical observations
- Network for technology transfer

Course coordinators :

Prof. Dr. Gamal Sosa



Head of Department :

Prof. Dr. Mahmoud Abed Abou EL- Roos

Date: 6 / 1 /2009